

4-608-4

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Sequence 4, Application US/08780869
Patent No. 5830737
GENERAL INFORMATION:
APPLICANT: KUSTERS-VAN SOMEREN, MARCO A.
APPLICANT: MILLER, YVONNE
APPLICANT: KESTER, HERMANUS C.M.
APPLICANT: VISSER, JACOB
APPLICANT: VAN COYEN, ALBERT J.J.
APPLICANT: ROLIN, CLAUD
TITLE OF INVENTION: CLONING AND EXPRESSION OF THE
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 2000 Pennsylvania Avenue N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20006-1812
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/08/780,869
APPLICATION NUMBER: US 08/290,978
FILING DATE: 24-JAN-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/290,978
FILING DATE: 17-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4615-0044.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
TELEFAX: (202) 887-0763
TELEX: 90-4030
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 2974 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: ORGANISM: Aspergillus tubigenensis
STRAIN: NM756
FEATURE:
NAME/KEY: exon
LOCATION: 640..945
FEATURE:
NAME/KEY: intron
LOCATION: 946..1002
FEATURE:
NAME/KEY: exon
LOCATION: 1003..1371
FEATURE:
NAME/KEY: intron
LOCATION: 1372..1423
FEATURE:
NAME/KEY: exon
LOCATION: 1424..1480
FEATURE:
NAME/KEY: intron
LOCATION: 1481..1538
FEATURE:
NAME/KEY: exon
LOCATION: 1539..1940
FEATURE:

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NAME/KEY: intron
LOCATION: 1941..1990
FEATURE:
NAME/KEY: exon
LOCATION: 1991..2092
FEATURE:
NAME/KEY: intron
LOCATION: 2093..2144
FEATURE:
NAME/KEY: exon
LOCATION: 2145..2219
FEATURE:
NAME/KEY: intron
LOCATION: 2220..2272
FEATURE:
NAME/KEY: exon
LOCATION: 2273..2317
FEATURE:
NAME/KEY: CDS
LOCATION: join(640..945, 1003..1371, 1424..1480, 1539..1940,
1991..2092, 2145..2219, 2273..2317)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 640
OTHER INFORMATION: /note="codon start= 640: product=
OTHER INFORMATION: "exo-polygalacturonase precursor"; gene="pgax"
FEATURE:
NAME/KEY: sig_peptide
LOCATION: 640..705
FEATURE:
NAME/KEY: mat_peptide
LOCATION: 706..2317
FEATURE:
NAME/KEY: misc_feature
LOCATION: 706..2317
OTHER INFORMATION: /note="IDENTIFICATION METHOD:
OTHER INFORMATION: experimental: product="exo-polygalacturonase mature enzym
OTHER INFORMATION: evidence= EXPERIMENTAL"
US-08-780-869-4

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Query Match 50.8%; Score 19.8; DB 2; Length 2974;
Best Local Similarity 69.2%; Pred. No. 64;
Matches 27; Conservative 0; Mismatches 12; Indels 0; Gaps 0;
QY 1 agagatggccttggtggtccttggaatgacctctatt 39
DB 7 AGAGATGCCCTGTGCGGCTTTTAATGCTCTCCTAGT 45

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RESULT 7
US-08-943-731-1
Sequence 1, Application US/08943731
Patent No. 6265157
GENERAL INFORMATION:
APPLICANT: PROCKOP, DARWIN J.
APPLICANT: SPOTIJA, LORETTA D.
APPLICANT: DELTAS, CONSTANTINOS D.
APPLICANT: SEREDA, IARISA
APPLICANT: LARSON, ANDREA W.
APPLICANT: PACK, MICHAEL
APPLICANT: COLLIGE, ALAIN
APPLICANT: EARLY, JAMES
APPLICANT: KORRKO, JARMO
APPLICANT: ALA-KORRO, LENA, et al.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
NUMBER OF SEQUENCES: 666
CORRESPONDENCE ADDRESS:
ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
STREET: FLR.
CITY: PHILADELPHIA

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STATE: PA
COUNTRY: USA
ZIP: 19103-7086
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/943,731
FILING DATE: 03-OCT-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/212,322
FILING DATE: 14-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/803,628
FILING DATE: 03-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: DOYLE LEARY Ph.D., KATHRYN
REGISTRATION NUMBER: 36,317
REFERENCE/DOCKET NUMBER: 9598-27
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-965-1284
TELEFAX: 215-567-2991
TELEX: 831-494
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 18609 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-943-731-1

Query Match          50.8%; Score 19.8; DB 4; Length 18609;
Best Local Similarity 77.4%; Pred. No. 89;
Matches 24; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 6 atggcctgtgtccttggaatgacctt 36
Db 13042 ATGGCCATTGTGGCTTGCCCAAGCCTCTT 13072

RESULT 8
US-09-144-085-3
Sequence 3, Application US/09144085
Patent No. 6280999
GENERAL INFORMATION:
APPLICANT: Gustafsson, Claes
APPLICANT: Betlach, Mary C.
APPLICANT: Ashley, Gary
APPLICANT: Julien, Bryan
APPLICANT: Ziermann, Rainer
TITLE OF INVENTION: SORANGIUM POLYKETIDE SYNTHASES AND ENCODING DNA
TITLE OF INVENTION: THEREFOR
FILE REFERENCE: 30062-20020.20
CURRENT APPLICATION NUMBER: US/09/144,085
CURRENT FILING DATE: 1998-08-31
EARLIER APPLICATION NUMBER: 09/010,809
EARLIER FILING DATE: 1998-01-22
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3
LENGTH: 33529
TYPE: DNA
ORGANISM: Sorangium cellulosum
US-09-144-085-3

Query Match          50.8%; Score 19.8; DB 4; Length 33529;
Best Local Similarity 69.2%; Pred. No. 99;
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Matches 27; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 1 aggaatgacctgtgtgacctggaatgacctt 39
Db 15202 agcgacgtgacctgcaagccttgcaatgattcgaact 15240

RESULT 9
US-09-443-501A-2
Sequence 2, Application US/09443501A
Patent No. 6303342
GENERAL INFORMATION:
APPLICANT: Kosan Biosciences, Inc.
APPLICANT: Julien, Bryan
APPLICANT: Katz, Leonard
APPLICANT: Khosla, Chaitan
APPLICANT: Tang, Li
APPLICANT: Ziermann, Rainer
TITLE OF INVENTION: Recombinant Methods and Materials for Producing
TITLE OF INVENTION: Epothilone and Epothilone Derivatives
FILE REFERENCE: 30062-20031.00
CURRENT APPLICATION NUMBER: US/09/443,501A
CURRENT FILING DATE: 1999-11-19
PRIOR APPLICATION NUMBER: US 60/130,560
PRIOR FILING DATE: 1999-04-22
PRIOR APPLICATION NUMBER: US 60/122,620
PRIOR FILING DATE: 1999-03-03
PRIOR APPLICATION NUMBER: US 60/119,386
PRIOR FILING DATE: 1999-02-10
PRIOR APPLICATION NUMBER: US 60/109,401
PRIOR FILING DATE: 1998-11-20
NUMBER OF SEQ ID NOS: 22
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 2
LENGTH: 71989
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic construct
US-09-443-501A-2

Query Match          50.3%; Score 19.6; DB 4; Length 71989;
Best Local Similarity 73.5%; Pred. No. 1,3e+02;
Matches 25; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 1 aggaatgacctgtgtgacctggaatgacctc 34
Db 13997 agcgacgacctgtgtgacctggaatgacctc 14030

RESULT 10
US-08-470-179-111
Sequence 11, Application US/08470179
Patent No. 5645994
GENERAL INFORMATION:
APPLICANT: Huang Ph.D, Wei Mun
TITLE OF INVENTION: Method and Compositions for
TITLE OF INVENTION: Identification of Species in a Sample
NUMBER OF SEQUENCES: 207
CORRESPONDENCE ADDRESSES:
ADDRESSER: Trask, Britt and Rossa
STREET: P.O. Box 2550
CITY: Salt Lake City
STATE: Utah
COUNTRY: USA
ZIP: 84110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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? type: nucleic acid
? STRANDEDNESS: double
? TOPOLOGY: not relevant
? MOLECULE TYPE: DNA (genomic)
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? HYPOTHETICAL: NO

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ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 05-01-2014 BY 60322
CLASSIFICATION:
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/017,814
FILING DATE: 20-JUN-1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 00786/282001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 1263 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
PCT-US96-10602-9

Query Match 49.7%; Score 19.4; DB 5; Length 1263;
Best Local Similarity 79.3%; Pred. No. 78;
Matches 23; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
QY 1 agagatgacctgtgtgcttgaagt 29
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DB 430 AGGAGATTGCTTGTGGCATTACACTG 458

RESULT 14
US-08-391-000-41
Sequence 41, Application US/08391000
Patent No. 5723752
GENERAL INFORMATION:
APPLICANT: HOUTZ, Robert L.
TITLE OF INVENTION: CLONING AND DEVELOPMENTAL EXPRESSION OF
TITLE OF INVENTION: PEA RIBULOSE-1,5-BISPHOSPHATE CARBOXYLASE/OXYGENASE LARGE
TITLE OF INVENTION: SUBUNIT N-METHYLTRANSFERASE
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/391,000
FILING DATE: 21-FEB-1995
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Meuth, Donna M.
REGISTRATION NUMBER: 36,607
REFERENCE/DOCKET NUMBER: 028750-123
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 1801 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 59..1528

US-08-391-000-41
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Best Local Similarity 70.3%; Pred. No. 83;
Matches 26; Conservative 0; Mismatches 11; Indels 0; Gaps 0;
QY 2 ggaatgacctgtgtgcttgaagtcttat 38
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DB 1493 GGCGATATCCTTGGAGACCTAGGAAATCTCTTAAT 1529

RESULT 15
US-08-741-931-41
Sequence 41, Application US/08741931
Patent No. 5866394
GENERAL INFORMATION:
APPLICANT: HOUTZ, Robert L.
TITLE OF INVENTION: CLONING AND DEVELOPMENTAL EXPRESSION OF
TITLE OF INVENTION: PEA RIBULOSE-1,5-BISPHOSPHATE CARBOXYLASE/OXYGENASE LARGE
TITLE OF INVENTION: SUBUNIT N-METHYLTRANSFERASE
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/741,931
FILING DATE: 31-OCT-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/391,000
FILING DATE: 21-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Meuth, Donna M.
REGISTRATION NUMBER: 36,607
REFERENCE/DOCKET NUMBER: 028750-123
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 1801 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 59..1528
US-08-741-931-41

Query Match 49.7%; Score 19.4; DB 2; Length 1801;
Best Local Similarity 70.3%; Pred. No. 83;
Matches 26; Conservative 0; Mismatches 11; Indels 0; Gaps 0;
QY 2 ggaatgacctgtgtgcttgaagtcttat 38
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DB 1493 GGCGATATCCTTGGAGACCTAGGAAATCTCTTAAT 1529

Search completed: January 29, 2002, 21:24:42
Job time: 1720 sec

Wed Jan 30 10:06:07 2002

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